

# Smarter Manufacturing for the Future

Global disruptions and evolutions are changing the manufacturing industry — do you have the technology you need?



# The **COVID-19** IMPACT

In the past year, the manufacturing industry has experienced sudden rises and falls in demand, supply chain disruptions, worker safety concerns and a shift to remote work, which created new pain points while furthering existing challenges.

As a result, manufacturers wonder what the future will look like for their operations. But, with the right technology solutions, you can embrace Industry 4.0 and smart manufacturing with confidence.

**Let's look at how manufacturers are proactively preparing for what's next.**





# Now is the time for a great reset.

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The COVID-19 pandemic forced businesses to innovate rapidly and embrace new technologies, accelerating the Great Manufacturing Reset. This evolution shows no signs of slowing, and smart technology investments are essential to prepare for a successful future.

You don't need a crisis to prompt you to take action. It's time for your great reset.

# Get ready to embrace Industry 4.0.



Industry 4.0 is revolutionizing how companies manufacture, improve and distribute their products. It encompasses three vital tech trends: connectivity, intelligence and automation.

Organizations that embrace Industry 4.0, digital transformation and interconnectivity see benefits in agility, flexibility and overall operational performance — three factors that are especially critical amidst the disruptions of the COVID-19 pandemic.

Leaning into Industry 4.0 can drive digital transformation and merge earlier systems and processes — all while improving the customer experience. Key benefits include:



Improved productivity and efficiency



Reduced costs



Higher quality products



Better customer experiences



Increased profitability

Above all, Industry 4.0 enables product visibility, predictive maintenance and supply chain optimization.



# The making of a smart factory

Digitizing a factory floor has never been more critical, and a smart factory can drive value and optimize processes. The components of a smart factory are responsive, adaptive and connected manufacturing.



## Significant features of a smart factory:

- Connectivity
- Optimization
- Transparency
- Proactivity
- Agility

Each of these benefits can empower more informed decision-making and drive future improvements in production processes.





# Advanced security

The manufacturing industry's intense focus on innovation and increasing reliance on connected products makes it particularly vulnerable to cyber risks.

Cybercriminals target manufacturing organizations through phishing, intellectual property theft, Internet of Things (IoT) attacks, supply chain attacks and ransomware. And, as connectivity increases, so does the attack surface.

## **THE GOOD NEWS:**

IT security solutions are evolving just as quickly as cybercrime strategies. Investing in advanced security for your manufacturing organization can mitigate risks and shore up your defense against emerging threats.



# THE TECHNOLOGY TO MAKE IT ALL POSSIBLE

You deserve a technology partner that can future-proof your business. Insight will help you avoid disruption and achieve business continuity, mitigate the risk of cyberthreats, integrate supply chains and embrace new technology that improves automated operations.

We offer an array of partner solutions to help your manufacturing organization achieve better business outcomes. Unlock better efficiency, agility and productivity with Insight.



# About Insight

Insight Enterprises Inc. empowers organizations of all sizes with Insight Intelligent Technology Solutions™ and services to maximize the business value of IT. As a Fortune 500-ranked global provider of Digital Innovation, Cloud + Data Center Transformation, Connected Workforce, and Supply Chain Optimization solutions and services, we help clients successfully manage their IT today while transforming for tomorrow.



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<sup>1</sup> Dimensional Research. (June 2021). 2021 Trends in Securing Digital Identities. A Survey of IT Security and Identity Professionals. Sponsored by Identity Defined Security Alliance.